

October 3, 2017

VIA HAND DELIVERY & ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

RE: BTU Content Factor Filing

Dear Ms. Massaro:

National Grid's currently effective gas tariff, RIPUC NG-GAS No. 101, Section 1, Schedule B, Sheet 1 (definition of British thermal unit (BTU) content factor) requires National Grid to calculate the seasonal BTU content based upon the prior six-month experience for the equivalent season, which National Grid would then propose to take effect for the applicable May 1 and November 1. Such BTU content factors are used to convert volumetric meter readings into therms. Based on National Grid's actual gas sendout data for the six months ending April 2017, the actual weighted average system BTU content factor is 1.029. Thus, for the period of November 2017 through April 2018, National Grid proposes to use a BTU content factor of 1.029 to convert volumetric meter readings to therms. By way of example, a meter reading of 100 ccf will equate to 102.9 therms (100×1.029). The proposed 1.029 BTU content factor reflects a change from the current BTU content factor of 1.028 that is in effect through the end of October 2017.

Attached please find the cumulative sendout data for the period of November 1, 2016 through April 30, 2017, supporting the proposed 1.029 BTU content factor calculation. The attachment contains volumetric and thermal equivalent sendout data for each gate station and production facility for the six months ending April 30, 2017. The Company sent out 30,779,641 MMBtus with a volume of 29,916,329 Mcfs, resulting in the proposed semi-annual weighted average BTU content factor of 1.029

Thank you for your attention to this matter. If you have any questions, please contact me at 401-784-7415.

Very truly yours,



Robert J. Humm

Enclosure

cc: Sharon Colby Camara
Steve Scialabba
Bruce Oliver

Rhode Island BTU Factor Report Report
November 1, 2016 Through April 30, 2017

	MCF	BTU	DTH
Tennessee Gate Station			
Scott Road	2,833,024		2,913,189
Cranston	4,347,443		4,476,907
Lincoln	2,076,280		2,138,162
Smithfield	1,957,175		2,016,609
	11,213,921	1.030	11,544,867
Algonquin Gate Stations			
Wampanog Trail	10,219,706		10,497,945
Dey Street	3,864,536		3,969,184
Barrington	44		45
Portsmouth	1,734,366		1,781,675
Tiverton	82,392		84,638
Westerly	324,821		333,836
Burrville	66,682		68,529
Warren	1,027,277		1,055,242
Diamond Hill	91,816		94,334
	17,411,640	1.027	17,885,428
Yankee			
Montville	136,105	1.028	139,916
LNG			
Providence NGLNG ¹	803,303		849,334
Exeter	67,452		71,674
Cumberland	2,964		3,249
Newport	-		-
Westerly	-		-
	873,719	1.058	924,257
Boiloff			
Providence NGLNG ¹	218,739		221,964
Exeter	61,285		62,269
Cumberland	920		940
	280,944	1.015	285,173
Daily Weighted Average Factor	29,916,329	1.029	30,779,641

Note: ¹ Represents all the gas that goes into the RI systems